threshold = 0.0625

$$\begin{array}{c} 1 \\ 2 \\ 3 \\ 4 \end{array} \begin{bmatrix} 0.5 & 0.1 & 0.1 & 0 \\ 0.1 & 0.5 & 0 & 0 \\ 0.1 & 0 & 0.5 & 0 \\ 0 & 0 & 0 & 0.5 \end{bmatrix}$$

Given a kinship matrix.

$$\begin{bmatrix} 1 & 1 & 1 & 0 \\ 1 & 1 & 0 & 0 \\ 1 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}$$

Find relationships where kinship is above threshold.
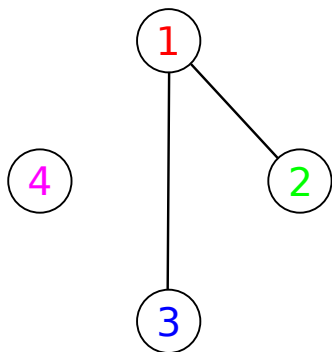
Convert to a graph.
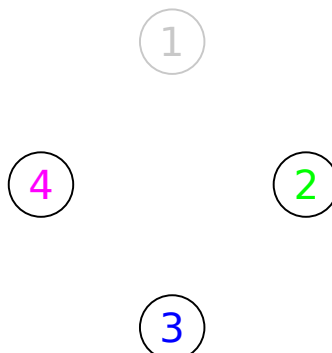
Exclude individuals from graph, such that the graph is disconnected.